

APPROVED	O.G. FIG.	
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 Examiner:
 Applicant: Kenneth J. Rothschild
 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 1 of 36

Filed: 10/09/2001
 Group Art Unit:

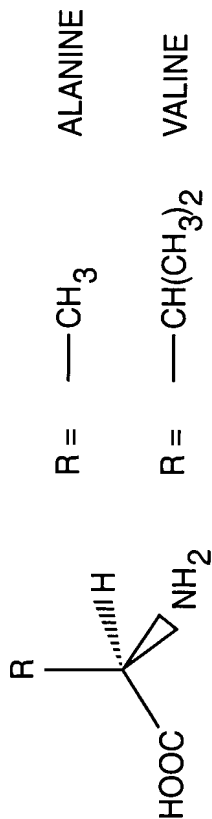


FIG. 1A

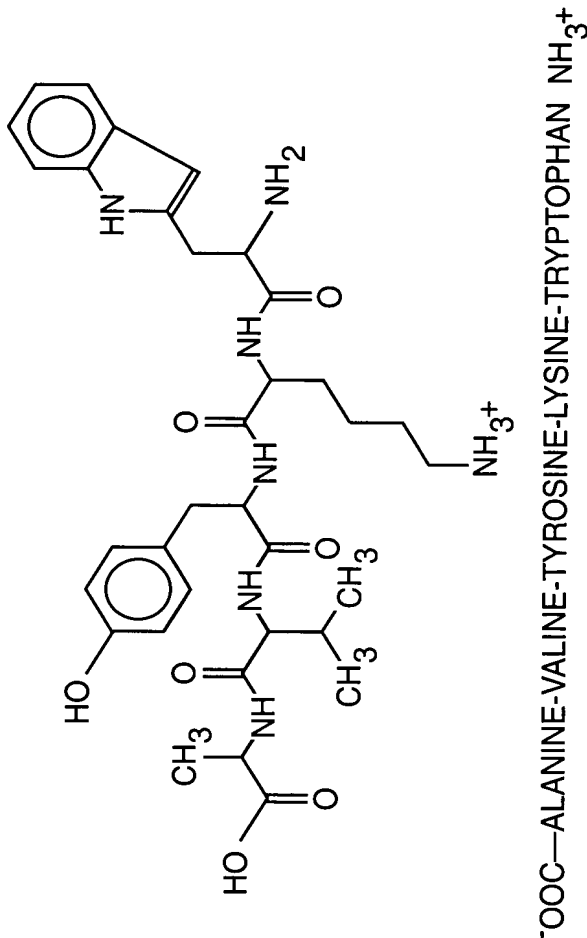


FIG. 1B

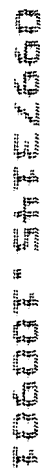


FIG. 2

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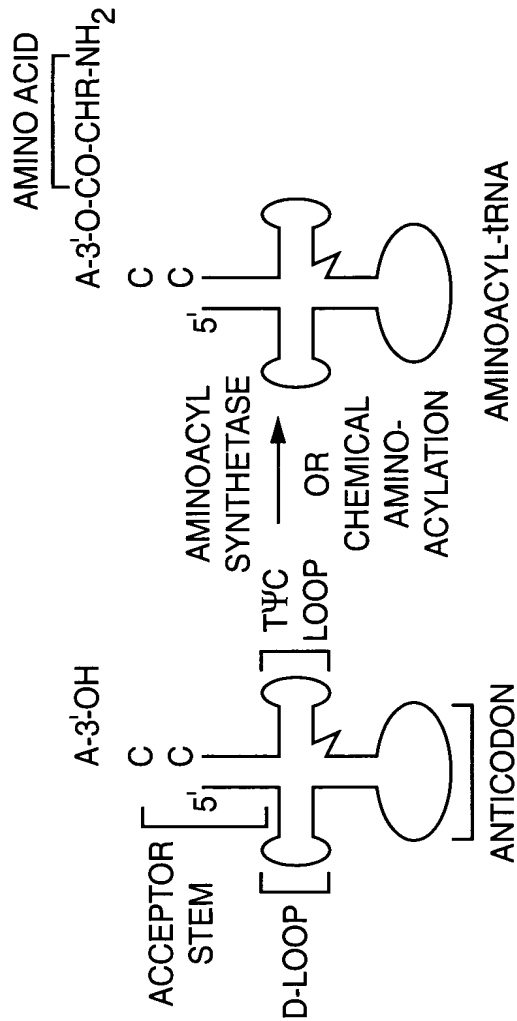


FIG. 3A

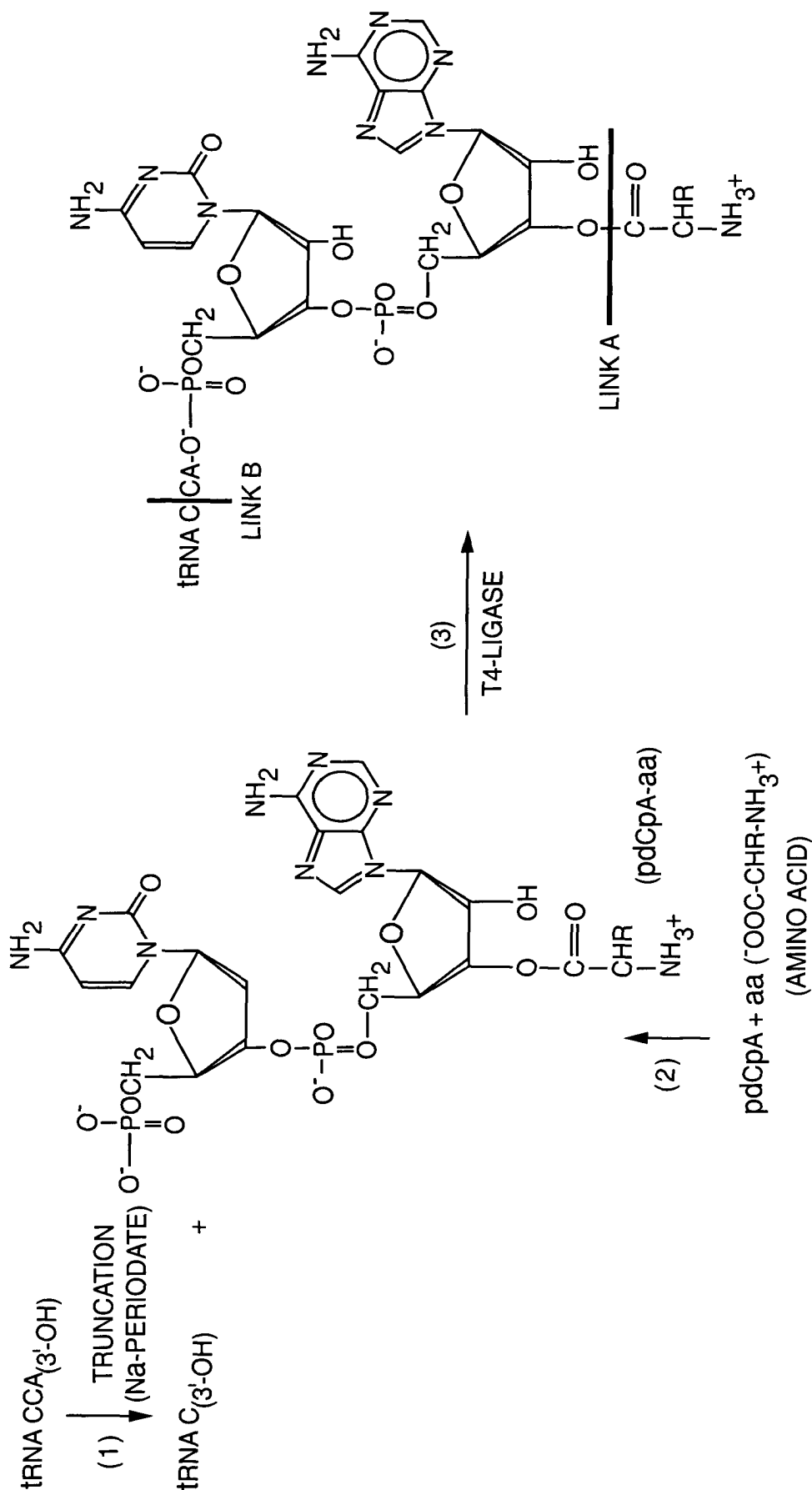


FIG. 3B

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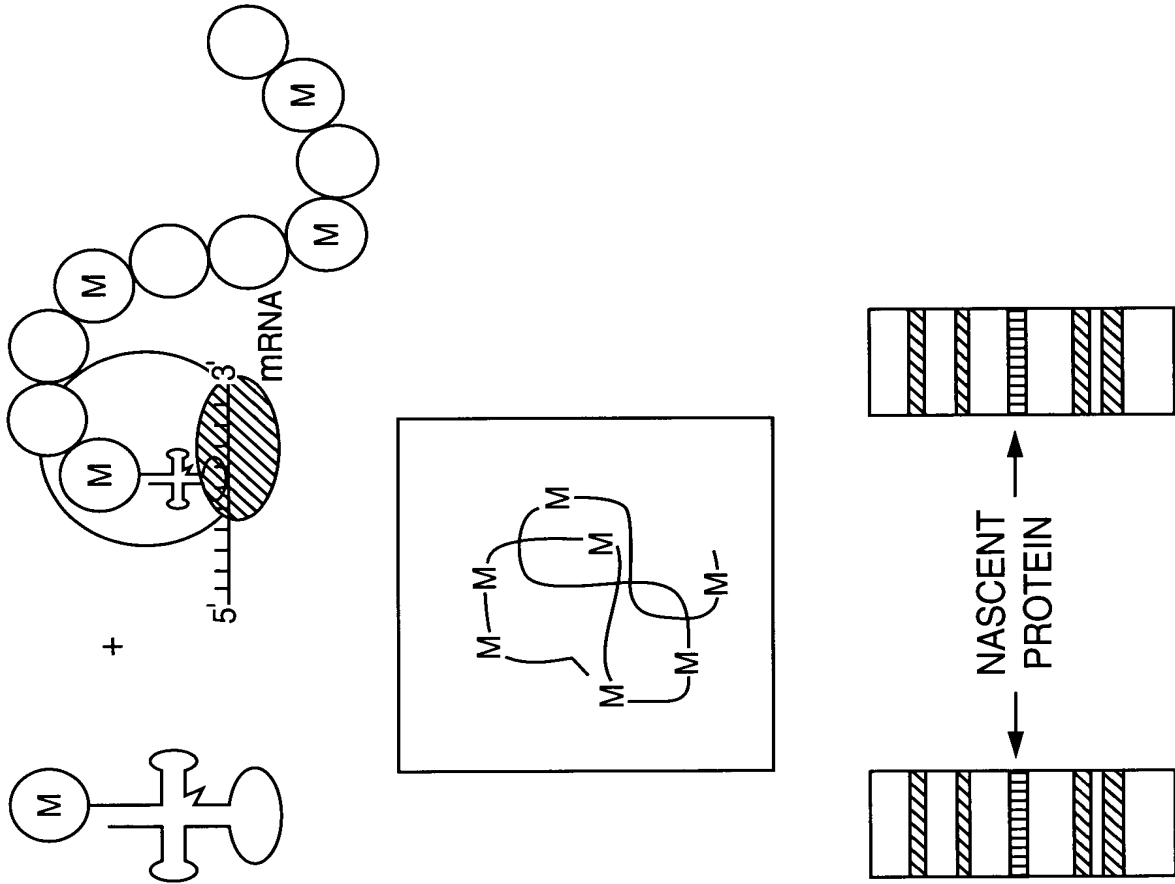


FIG. 4



FIG. 6A

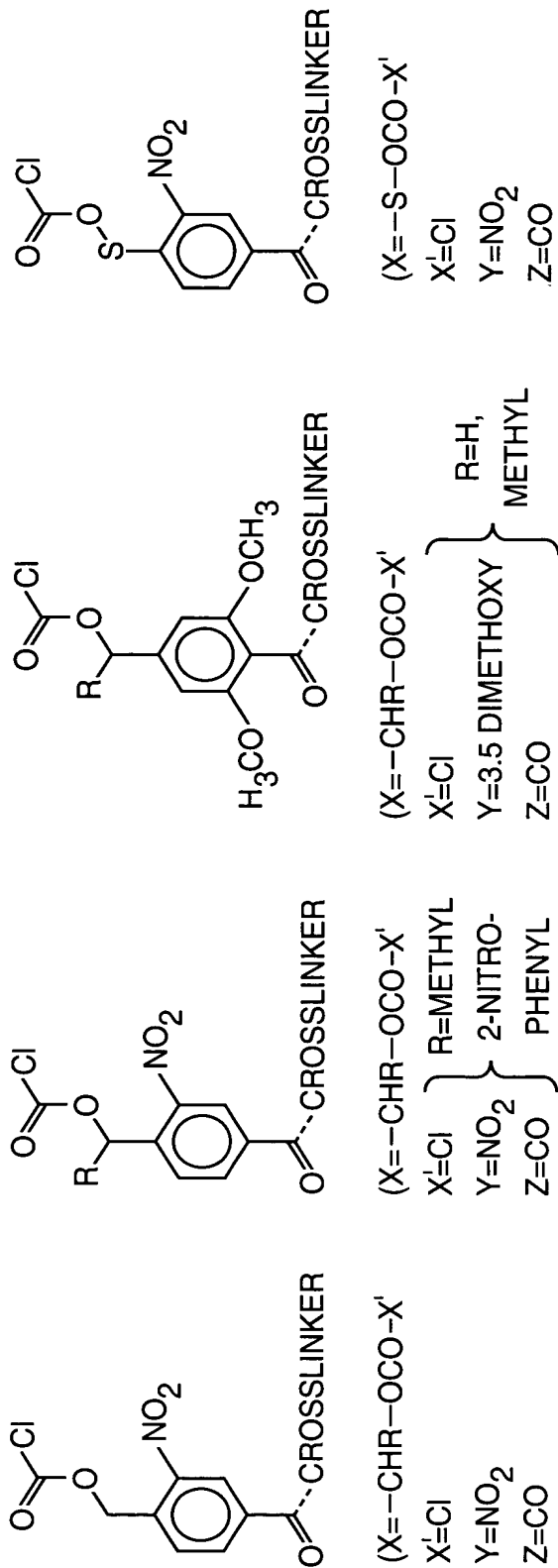
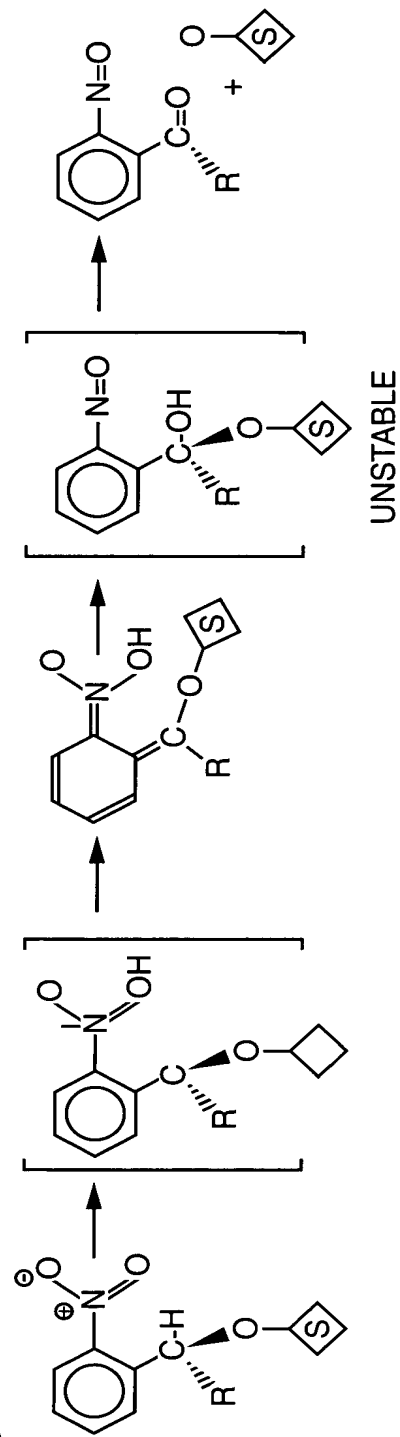


FIG. 6B



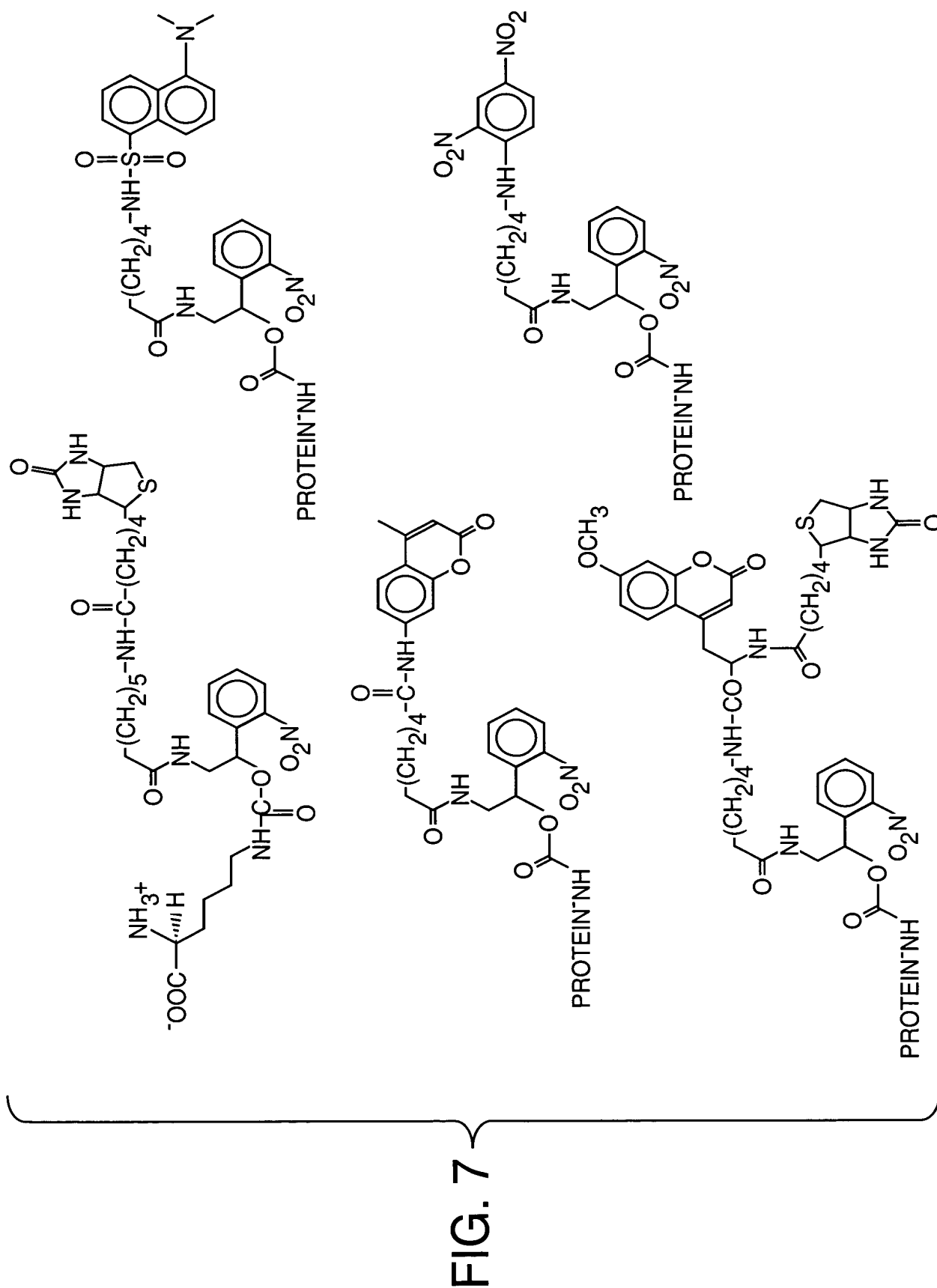


FIG. 8A

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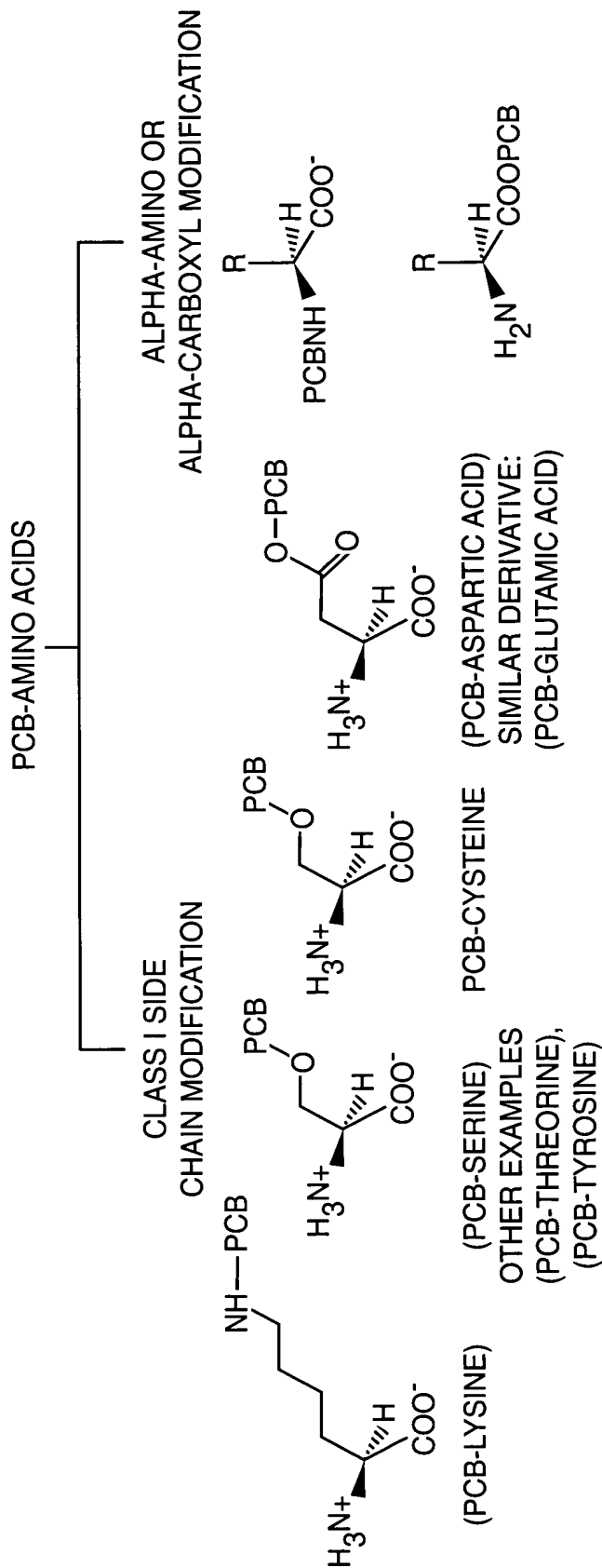


FIG. 8B

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FIG. 9

FIG. 9

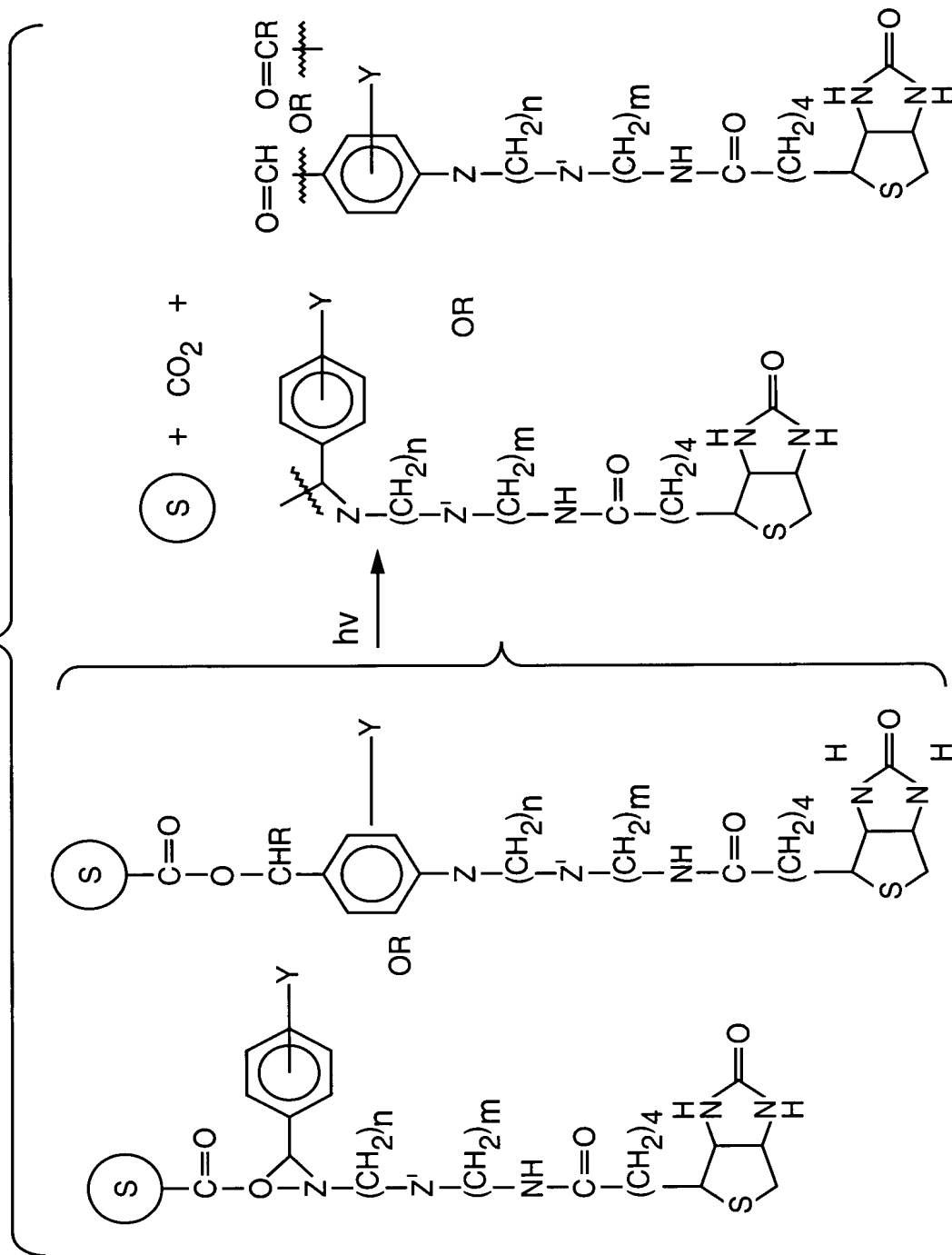
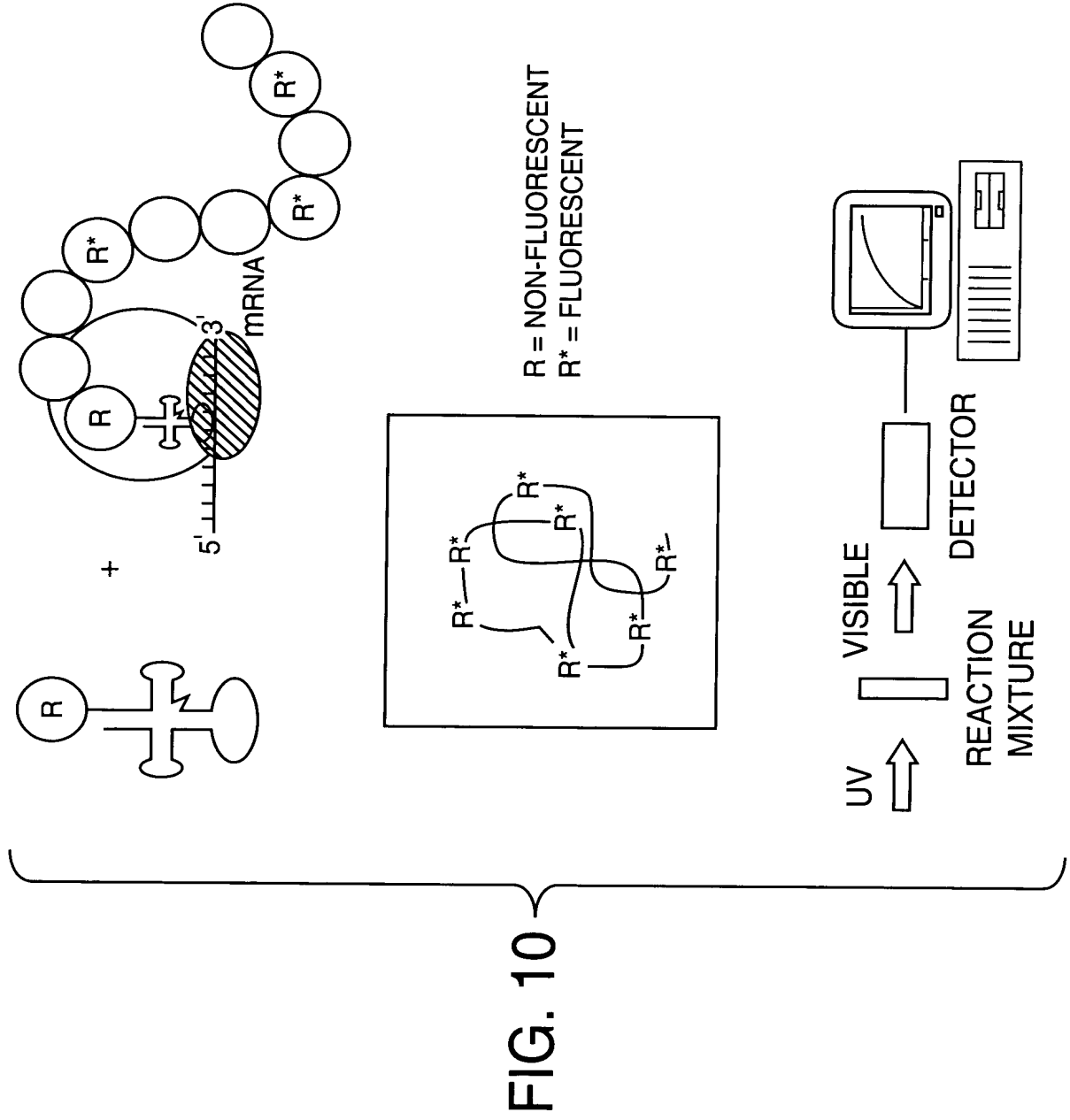


FIG. 10



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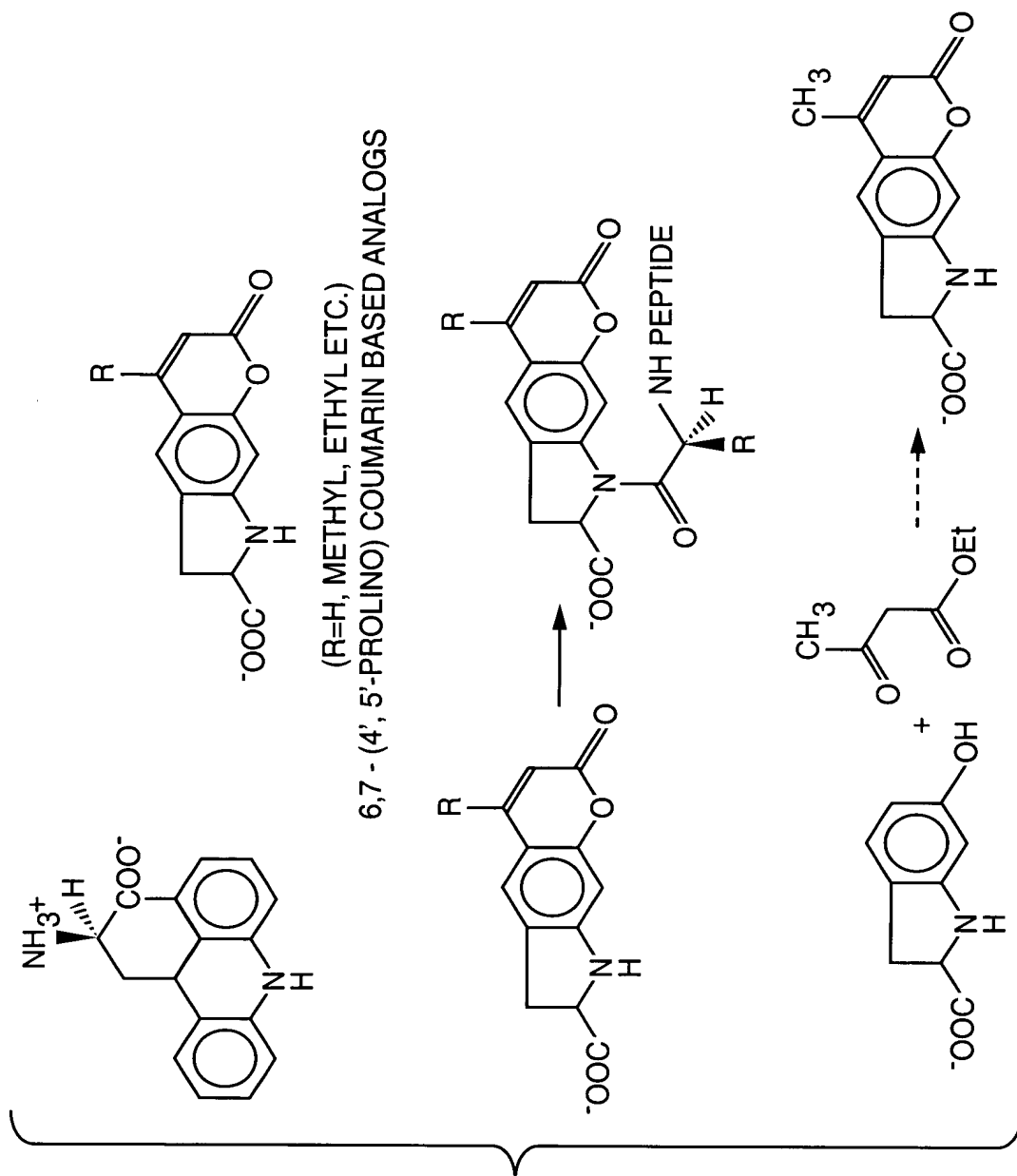
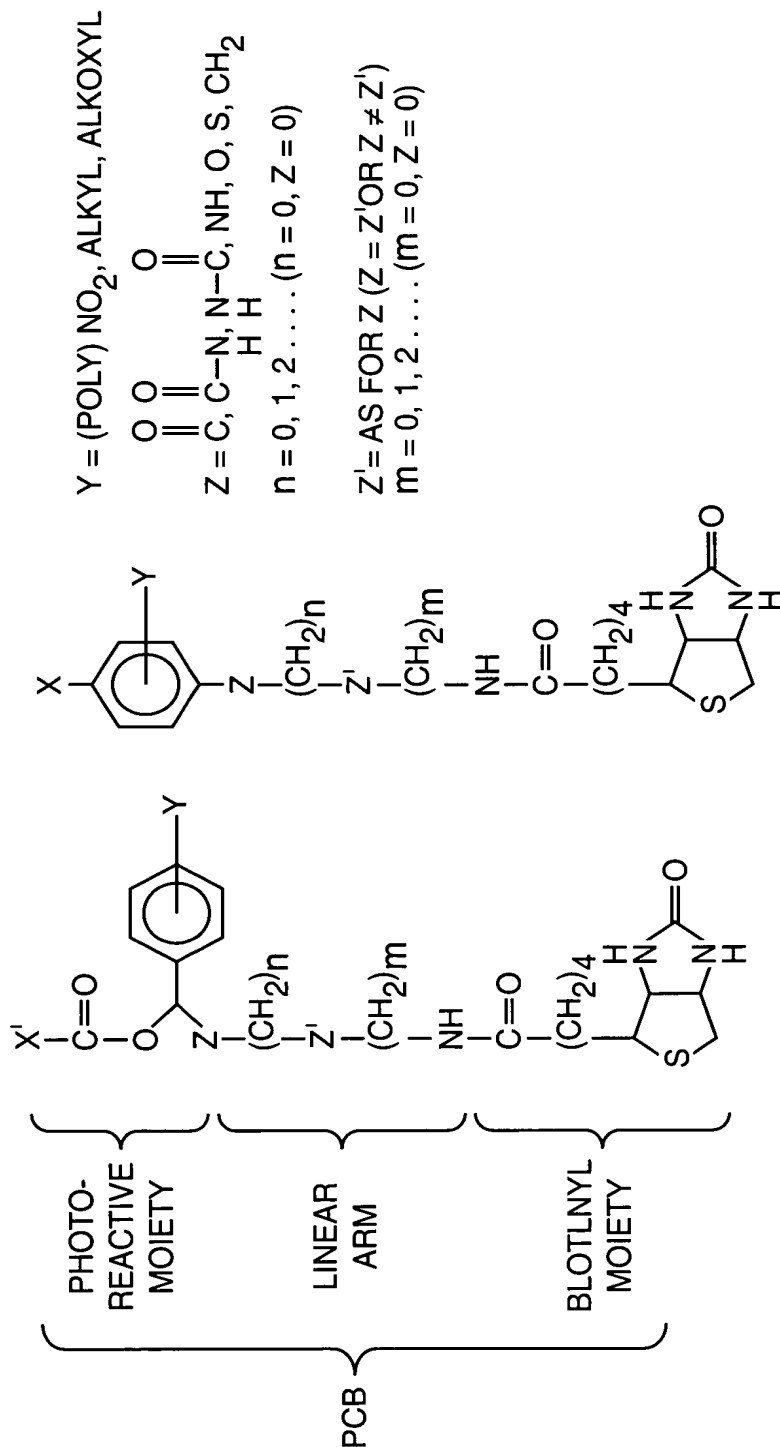
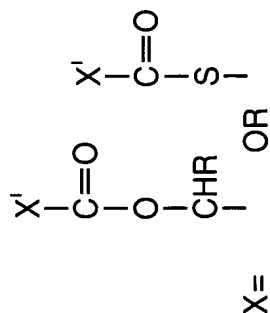


FIG. 11

X' = Cl, O-NHYDROXYSUCCINIMIDYL,
O-CH₂CN, OPhF₅, OPhCl₅,
N₃ ETC. (REACTIVE DERIVATIVE)

R = H, ALKYL, SUBSTITUTED ALKYL, ARYL,
SUBSTITUTE ARYL



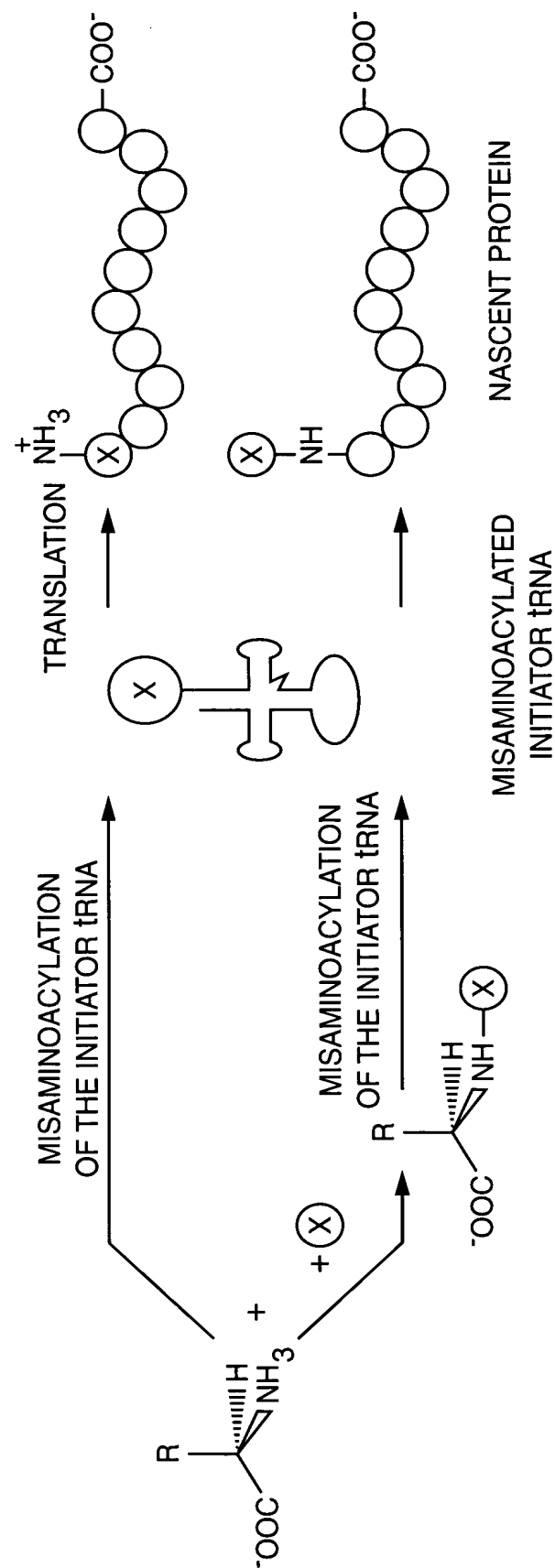


FIG. 13

FIG. 14

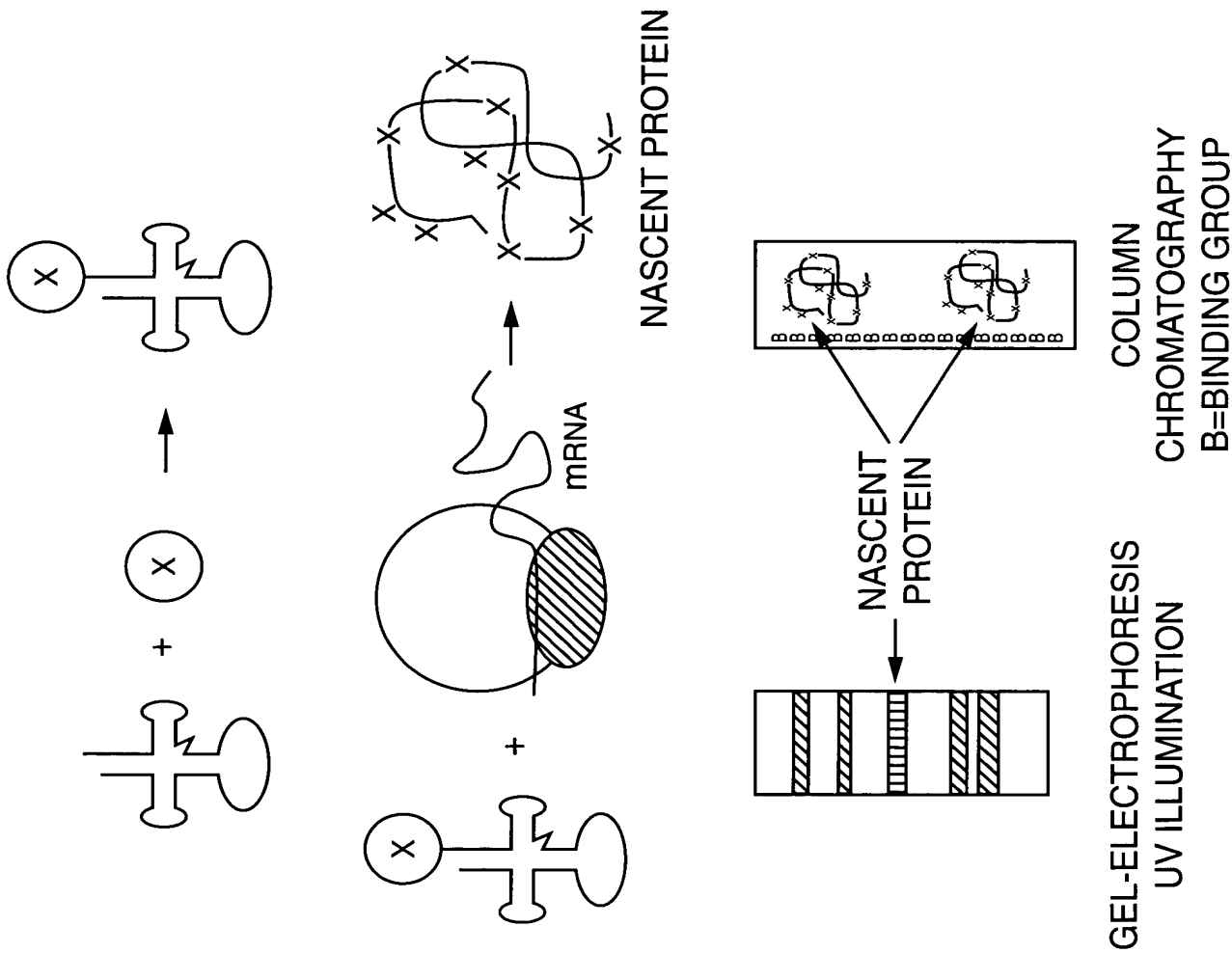


FIG. 14

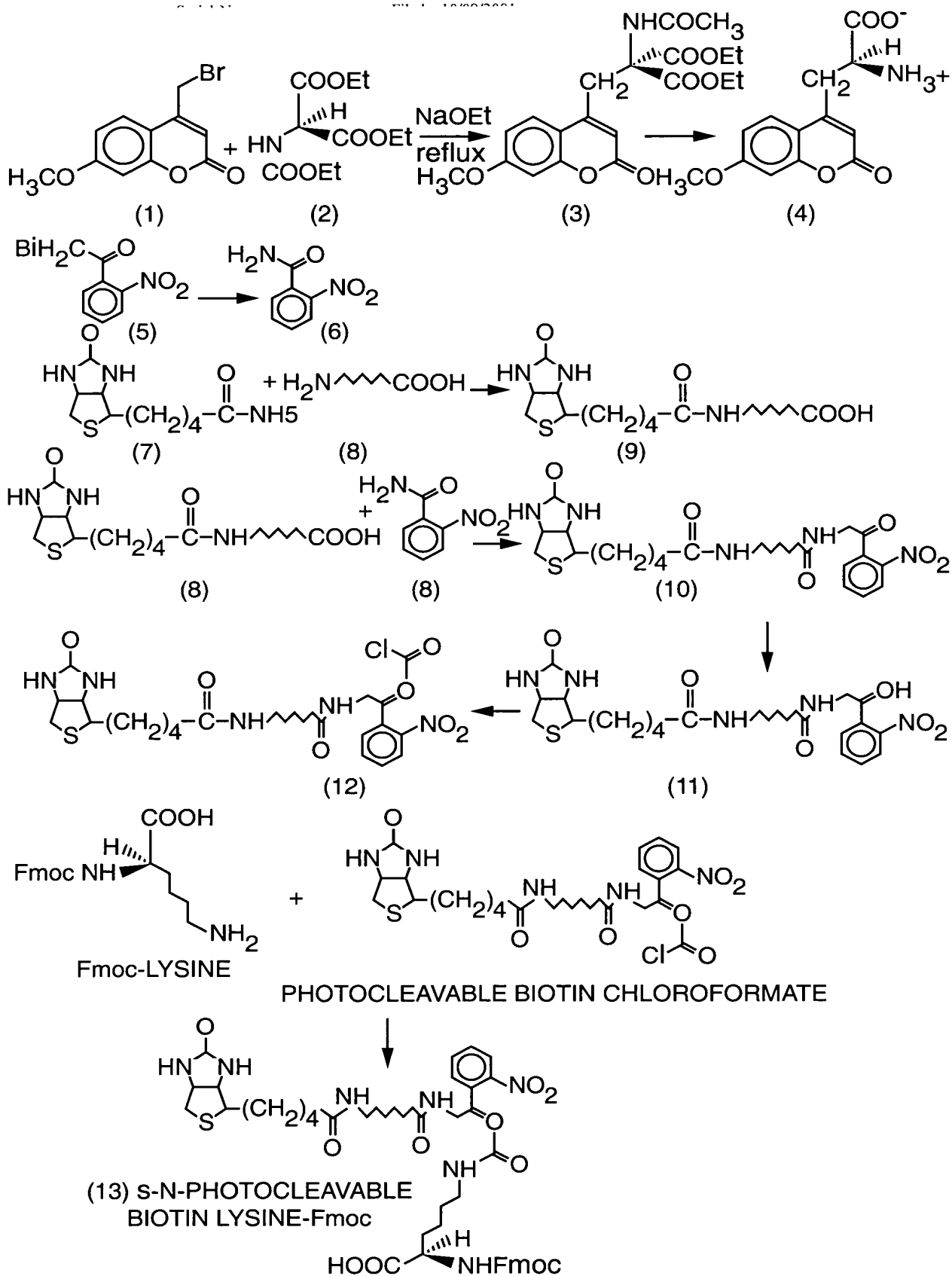


FIG. 15

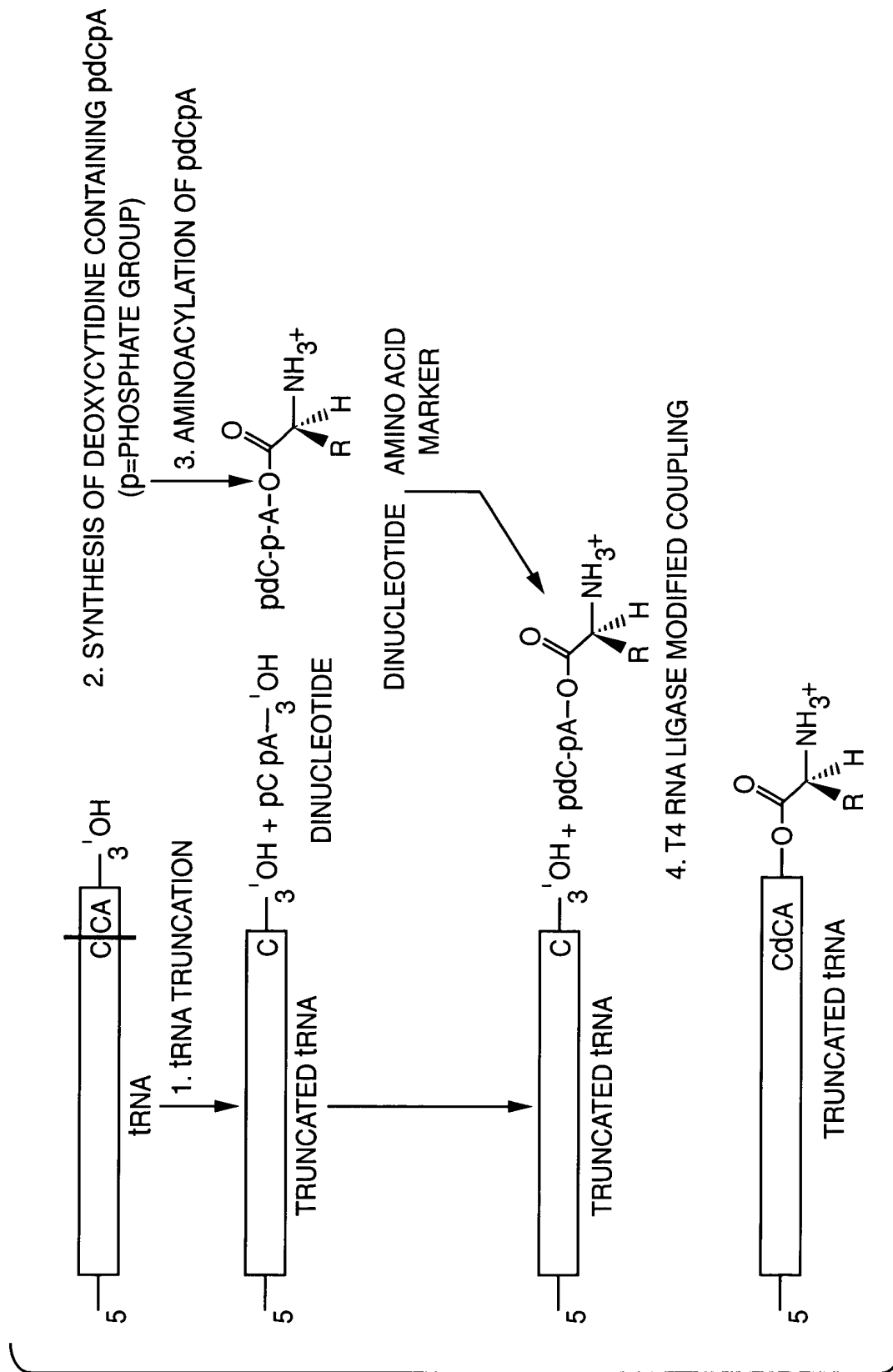


FIG. 16

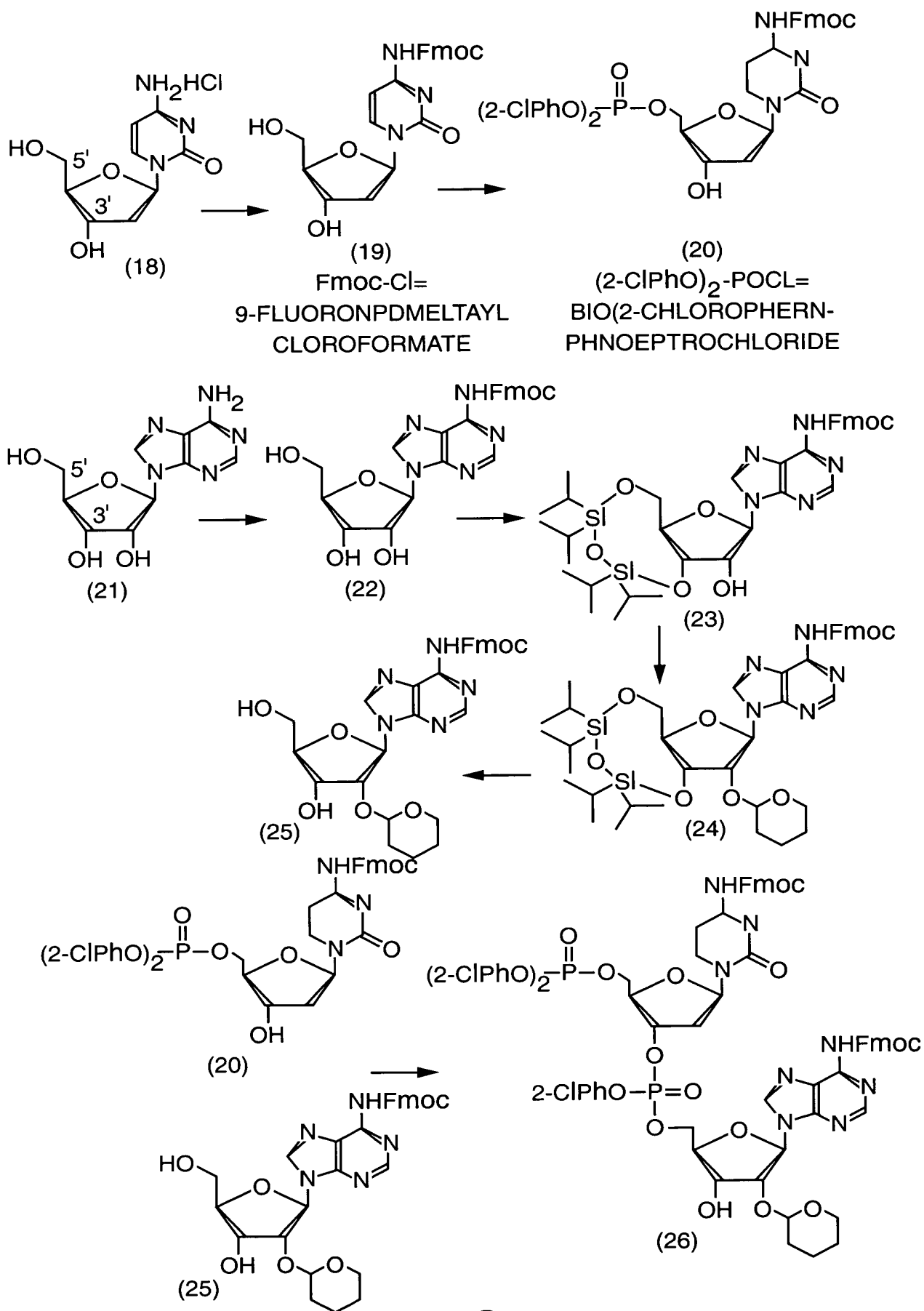
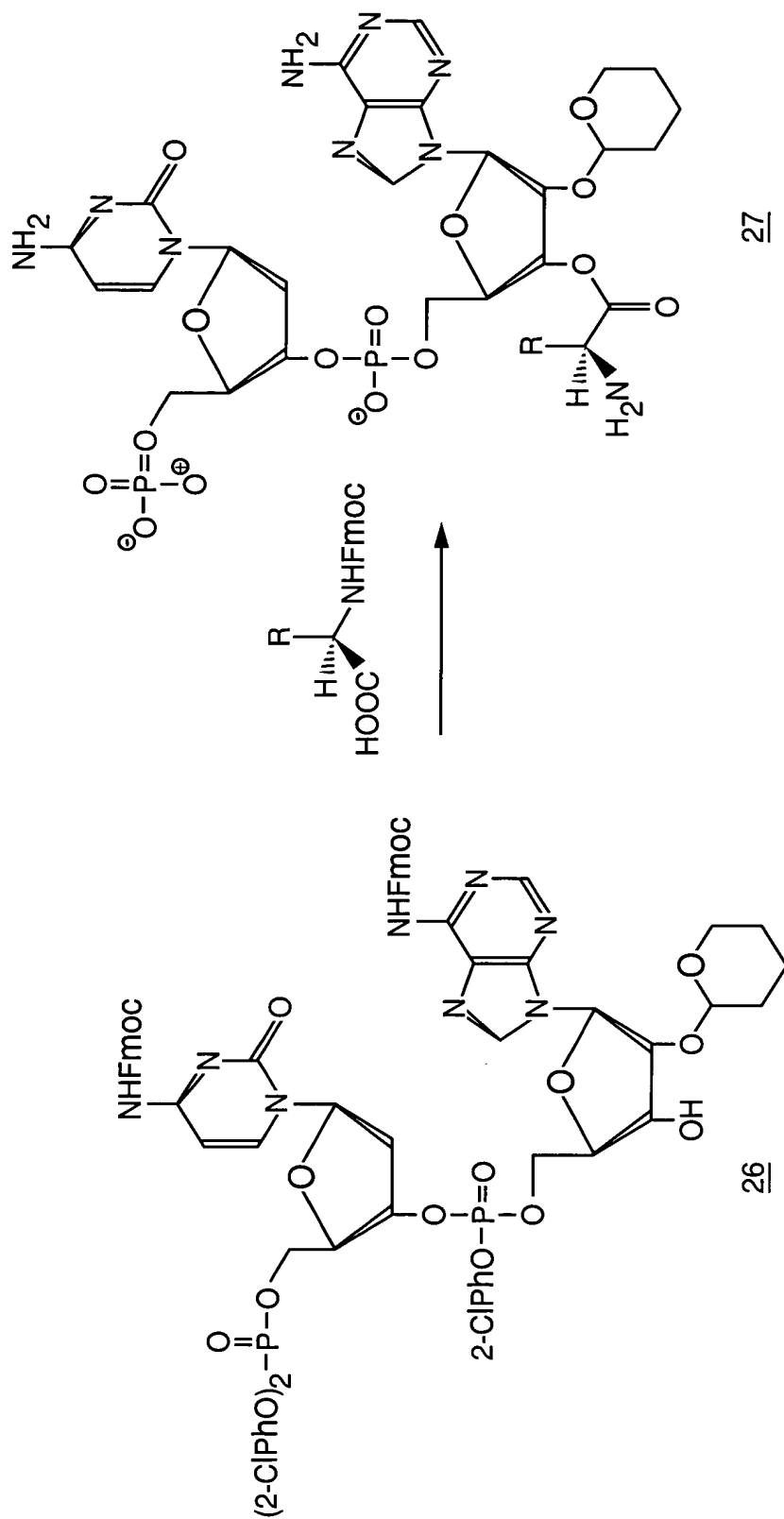


FIG. 17

FIG. 18

FIG. 18



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O.G. FIG.		3
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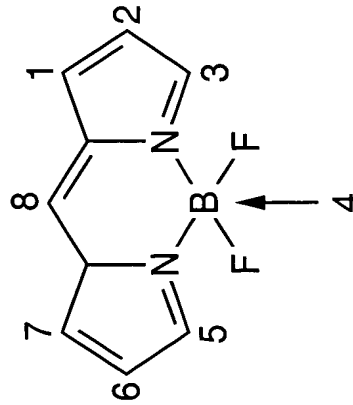


FIG. 19

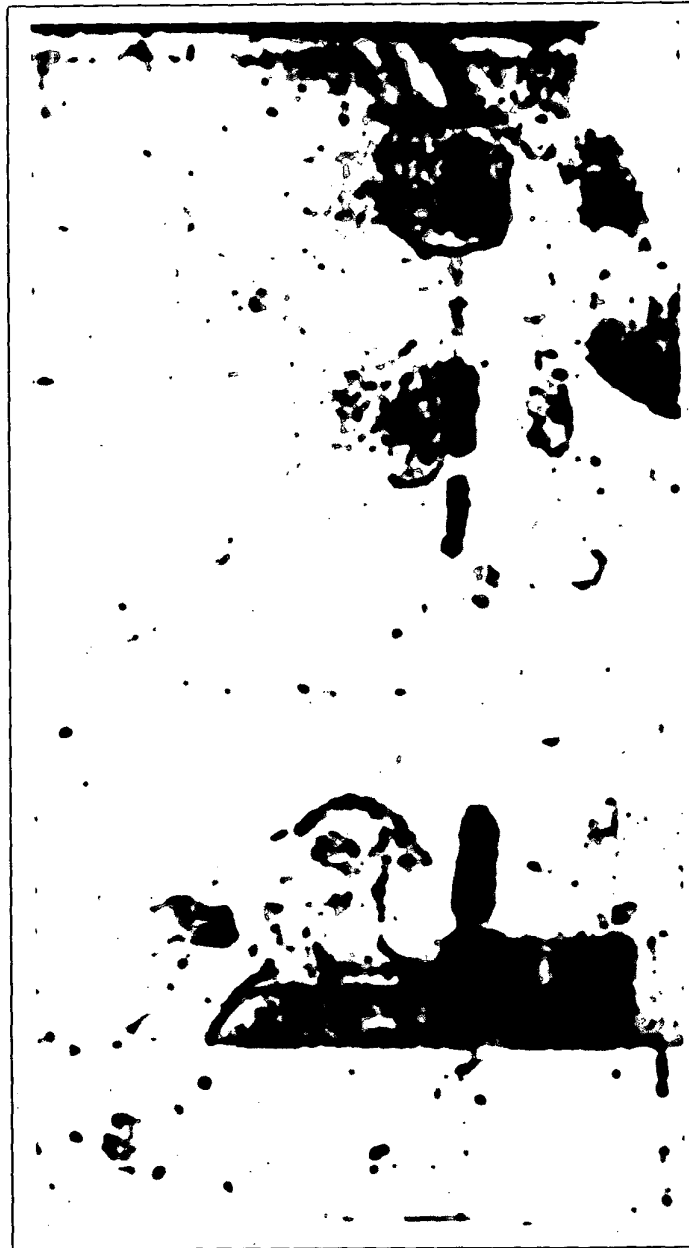
FIG. 19 is a chemical structure of a fluorinated indole derivative.

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FIG. 20



1 2 3 4 5 6 7 8 9 10

Fig. 20

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FIG. 21A

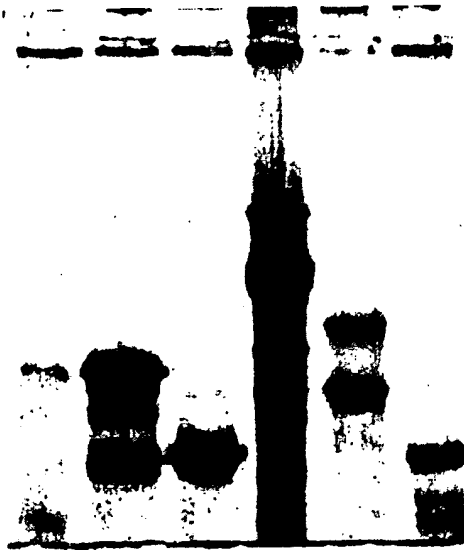


Fig. 21A

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FIG. 21B



Fig. 21B

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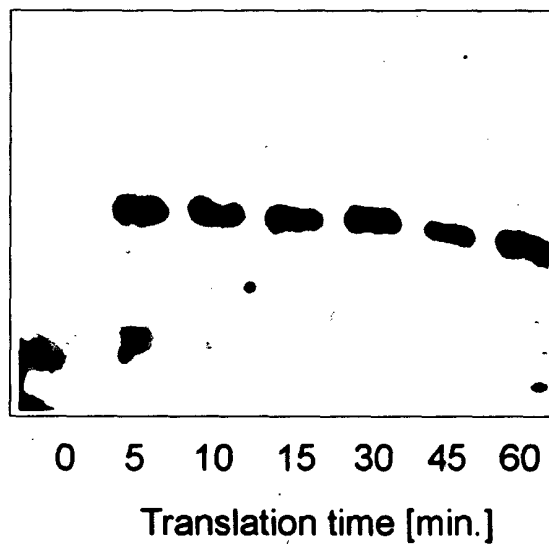


Fig. 22A

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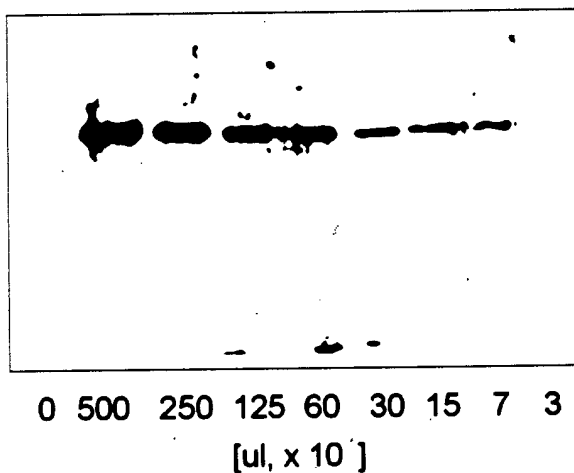


Fig. 22B

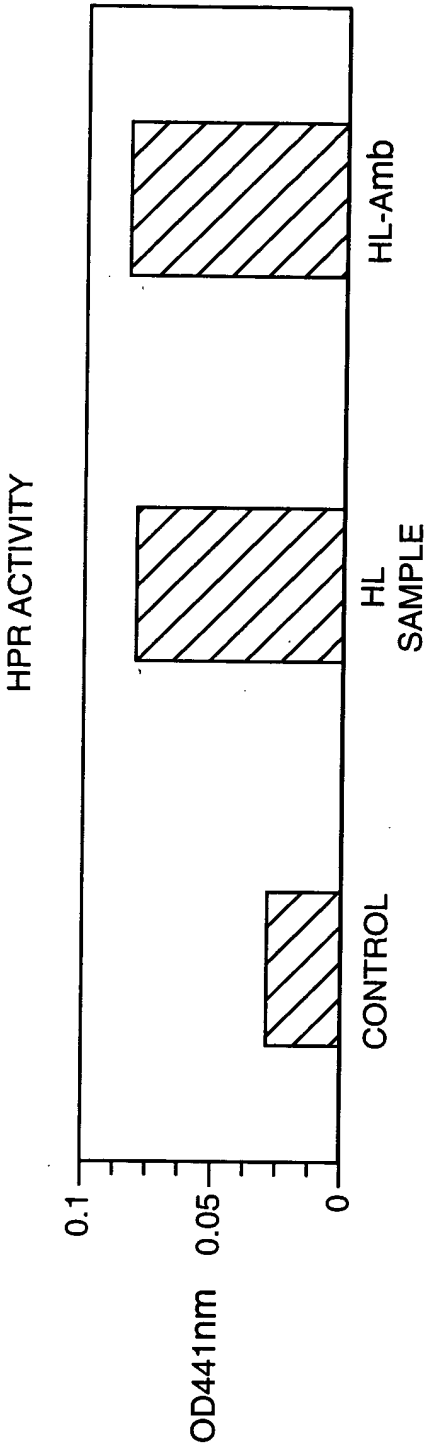


FIG. 23A

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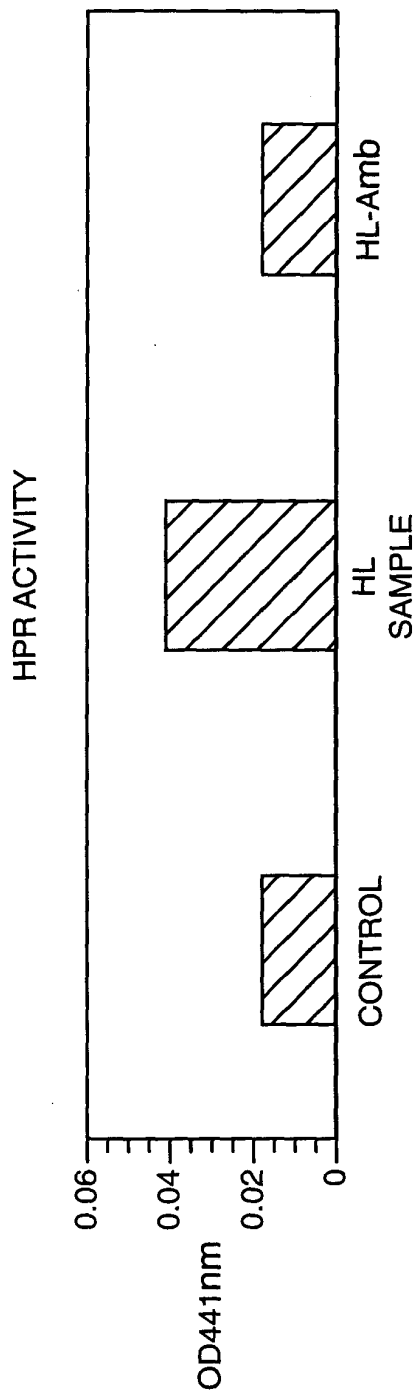


FIG. 23B

APPROVED	O.G. FIG.	
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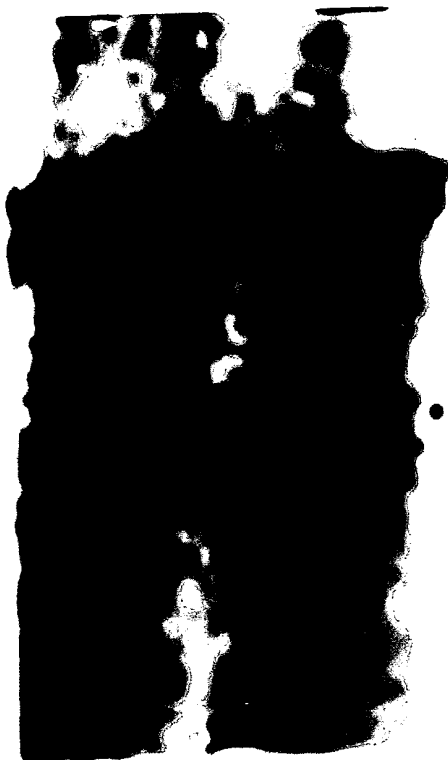


Fig. 24

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FIG. 25



Fig.25

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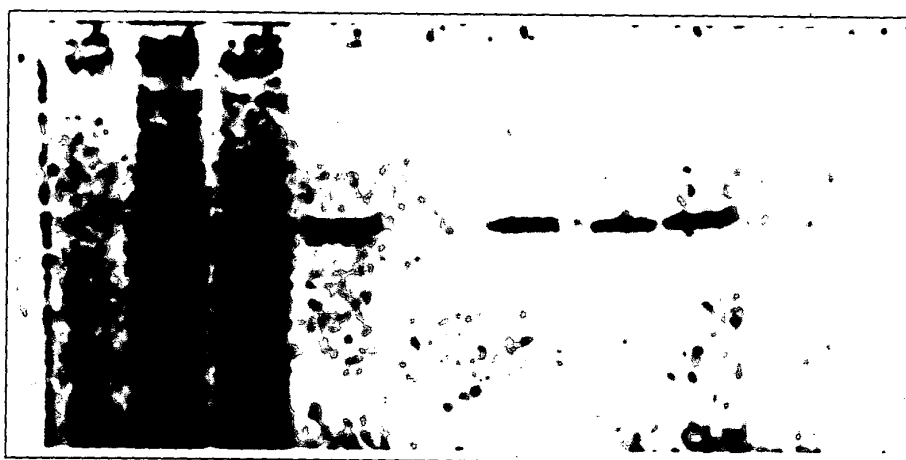
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Fig. 26A

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1 2 3 4 5 6 7 8 9 10

Fig. 26B

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1 2 3 4

Fig.27

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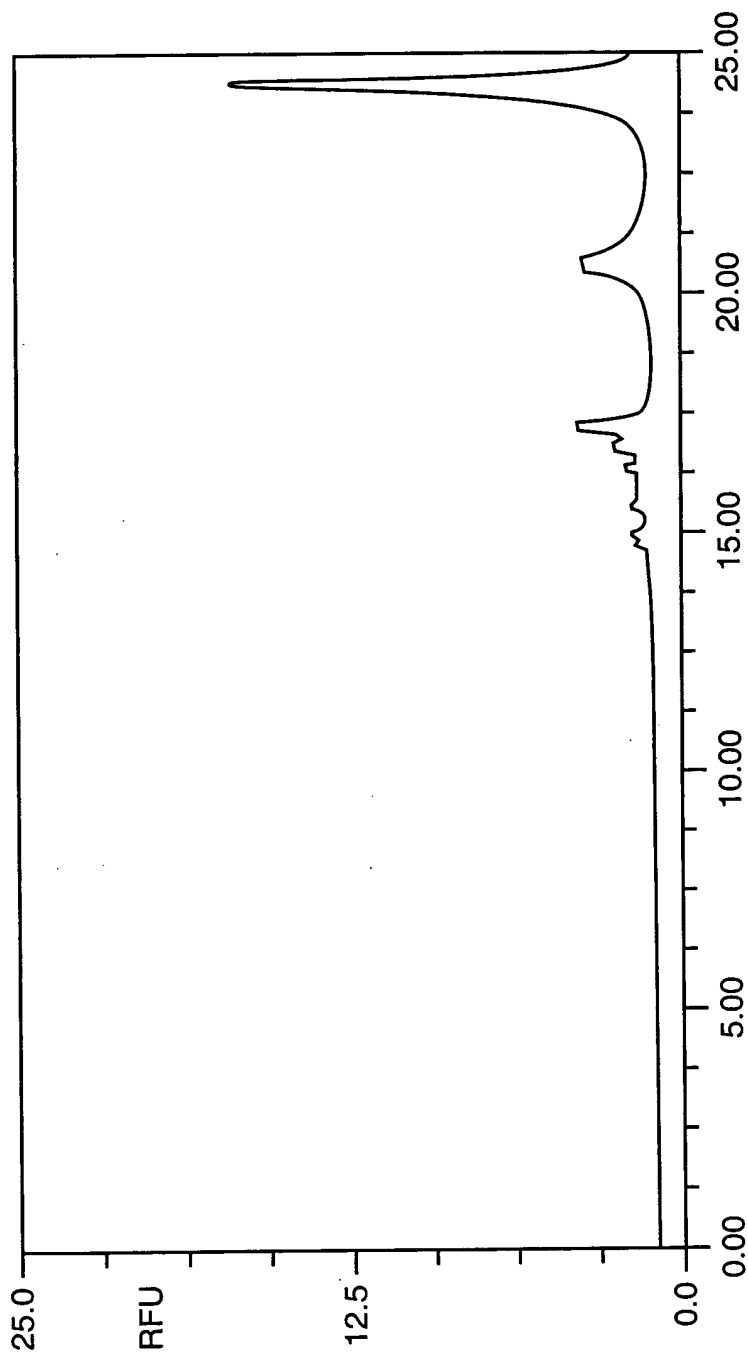


FIG. 28A

FIG. 28A

FIG. 28B

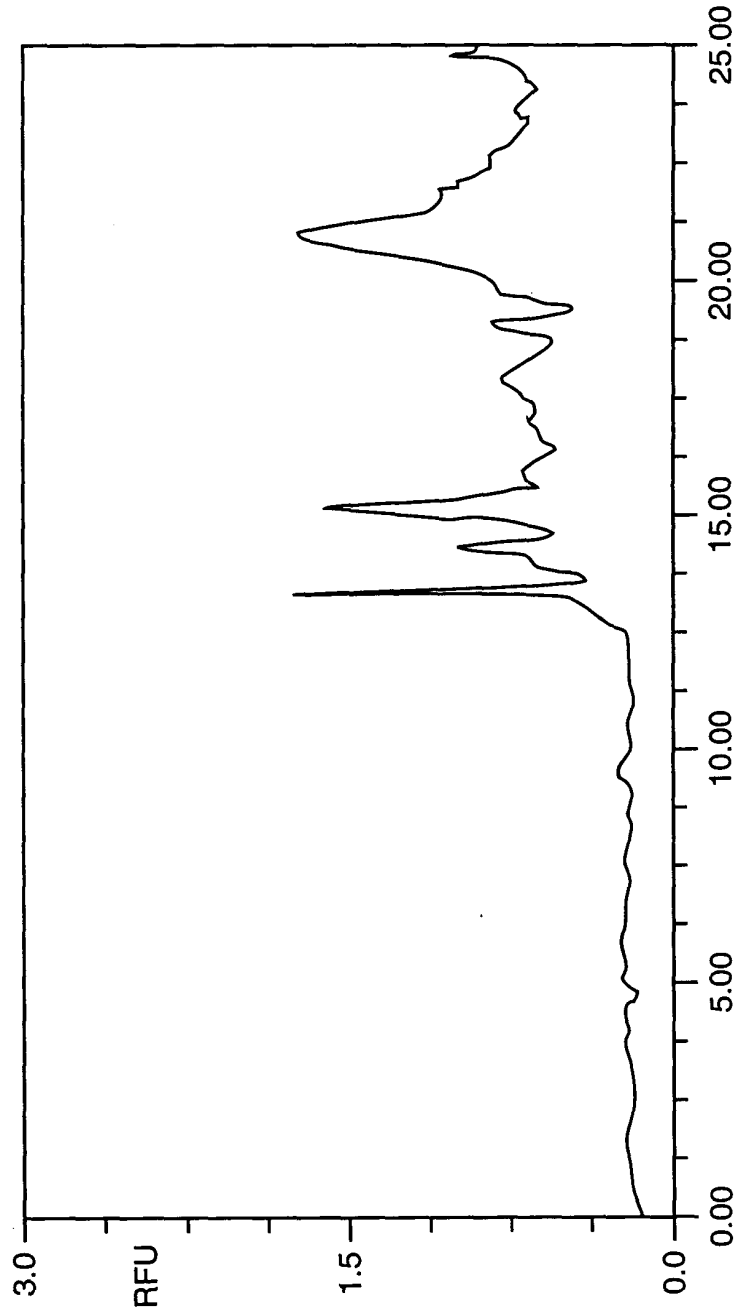


FIG. 28B

FIGURE 29

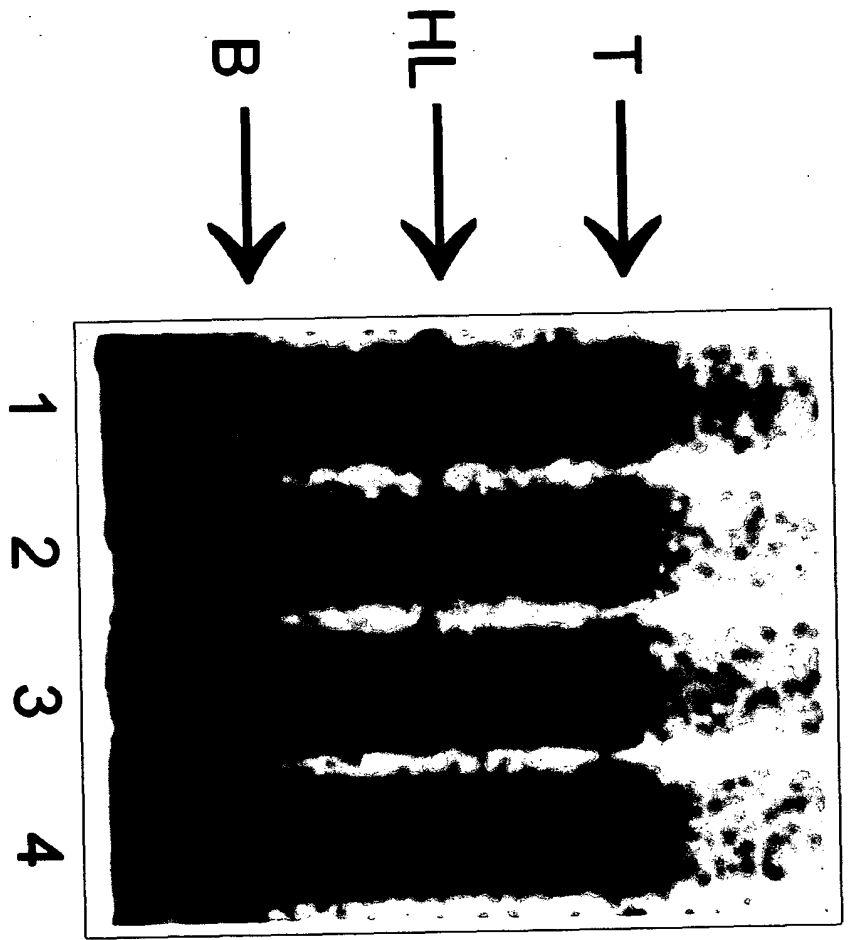


Fig.29

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